

ABSTRAK

Rara Maharani (2016). Penggunaan Media Tangram Pada Pembelajaran Matematika Materi Luas Bangun Datar Ditinjau Dari Minat dan Hasil Belajar Siswa Kelas VII A SMP N 1 Banguntapan Bantul. Program Studi Pendidikan Matematika, Jurusan Pendidikan Matematika dan Ilmu Pengetahuan Alam, Fakultas Keguruan dan Ilmu Pendidikan, Universitas Sanata Dharma, Yogyakarta.

Penelitian ini bertujuan untuk mengetahui penggunaan media tangram pada pembelajaran matematika materi luas bangun datar ditinjau dari minat dan hasil belajar siswa di kelas VII A SMP N 1 Banguntapan Bantul.

Penelitian merupakan penelitian deskriptif kualitatif-kuantitatif. Populasi dalam penelitian ini adalah siswa kelas VII A yang terdiri dari 26 siswa. Pengumpulan data dalam penelitian ini dilakukan dengan cara: (1) Memberikan kuesioner minat belajar matematika sebelum dan sesudah pembelajaran menggunakan media tangram, (2) melaksanakan dan mengamati proses pembelajaran matematika menggunakan media tangram, (3) memberikan tes hasil belajar. Instrumen penelitian yang digunakan dalam pengumpulan data terdiri dari: (1) Kuesioner minat belajar siswa, (2) Tes Hasil Belajar siswa. Data minat belajar siswa diperoleh dari hasil kuesioner minat belajar awal dan akhir. Data hasil belajar siswa diperoleh dari data hasil tes hasil belajar siswa. Validitas instrumen penelitian dilakukan dengan menggunakan validitas isi dan validitas pakar. Analisa data minat belajar siswa dianalisis secara kuantitatif dengan menentukan skor total dan persentase yang diperoleh masing-masing siswa, kemudian berdasarkan hasil persentase tersebut ditentukan kriteria minat belajar siswa. Analisa data hasil belajar siswa dianalisis kuantitatif dengan menentukan skor total dan persentase, kemudian berdasarkan hasil persentase ditentukan kriteria hasil belajar siswa.

Hasil penelitian menunjukkan (1) Penggunaan media tangram pada pembelajaran matematika materi luas bangun datar ditinjau dari minat belajar siswa memiliki minat belajar matematika kriteria tinggi dan mengalami peningkatan minat belajar setelah menggunakan media tangram. (2) Penggunaan media tangram pada pembelajaran matematika materi luas bangun datar ditinjau dari hasil belajar siswa memiliki kriteria cukup. Analisis data kuesioner minat belajar siswa menunjukan persentase minat belajar keseluruhan siswa kelas VII A memiliki kriteria tinggi dan terdapat perubahan kriteria minat belajar setiap siswa menjadi tinggi dan sangat tinggi. Hasil analisis hasil belajar siswa keseluruhan termasuk dalam kriteria Cukup dengan nilai rata-rata tes hasil belajar siswa adalah 68,62.

Kata Kunci: Penggunaan media tangram, minat belajar, hasil belajar.

ABSTRACT

Rara Maharani (2016). *The Use of Tangram as a Media for Learning Mathematics about Area of Plane Figures Subject Seen From Students' of SMP N 1 Banguntapan, Class VII A Interest and Result. An Undergraduate Thesis. Yogyakarta: Mathematics Education Study Program, Department of Mathematics and Science, Faculty of Teachers Training and Education, Sanata Dharma University Yogyakarta.*

This research aimed to determine the use of *Tangram* as a media for learning mathematics about area of plane figures subject which was seen from students' of *SMP N 1 Banguntapan*, class VII A interest and result

This research used descriptive qualitative-quantitative research. The population in this study was students of class VII A which consists of 26 students. The research instrument used for data collection consisted of: (1) questionnaire related to students' interest, (2) test result related to students' learning process. Data about students' interest were obtained from the students' interest questionnaire in the early and latest of the learning process. Students' result data were obtained from the students' test result data of the learning process. The validity of research instruments was done by using content and constructs validity. Data about students' interest was analyzed in a quantitative method by determining the total score and the percentage obtained by each student, and then based on the result of the percentage specified criteria for student interest. The data analysis of student learning result was analyzed quantitatively by determining the total score and percentage, then the criteria was determined by the percentage of students' learning result.

The result showed (1) the use of *Tangram* as a media for learning mathematics about area of plane figures subject seen from students' interest had high criteria for learning mathematics and students' interest increased after using *Tangram* as a media, (2) the use of *Tangram* for learning mathematics about area of plane figures subject seen from students' interest had sufficient criteria. The whole analysis which was related to questionnaire about students' class VII A interest showed that there was high criteria and there was a change toward each student learning interest became high and very high. The whole students' learning result analysis was categorized as sufficient and the average for students' test result was 68,62.

Keywords: The use of *Tangram* as a media, students' interest, students' learning result